

UBMK 2024 INTERNATIONAL CONFERENCE PROGRAM (DAY/GÜN-1)

26 - 10 - 2024

Time	Akdeniz Üniversitesi Ana Salon (Main room) Law School
10:00-10:50	Açılış ve Protokol Konuşmaları - Opening Speeches BMBB Üstün Hizmet Ödülleri Takdim Töreni - BMBB Outstanding Achievement Awards Ceremony
	KEYNOTE SPEAKERS' SESSION/DAVETLİ KONUŞMACI OTURUMU - 1 : SESSION CHAIR/OTURUM BAŞKANI : PROF. DR. ALİ YAZICI - ATILIM UNIVERSITY
11:00-11:30	Large Languages Models / Büyük Dil Modelleri, Prof. Dr.Gülşen ERYİĞİT, İTÜ,Computer and IT Faculty, Head of AI and Data Science Department / Bilgisayar ve Bilişim Fakültesi Yapay Zeka ve Veri Bilimi Bölüm Başkanı
11:30-12:00	Cyber Security and AI / Siber Güvenlik ve Yapay Zeka, Assoc. Prof. Dr. Pelin ANGIN ÜLKÜER, METU Computer Engineering Department / ODTÜ, Bilgisayar Mühendisliği Bölümü (English)
12:30-14:00	Lunch / Yemek
14:00-15:00	AI Integration in Software Development: Current Trends and Future Insights / Yazılım Geliştirmede Üretken Yapay Zeka Entegrasyonu: Güncel Eğilimler ve Gelecek Görüşleri; Prof. Dr. K. Murat KARAKAYA, TED University Software Engineering Department / TED Üniversitesi Yazılım Mühendisliği Bölümü (English)
15:00-15:30	YSK ve Elektronik Seçim; Şeref Şık, YSK Seçmen Kütüğü Genel Müdürü (Özel davetli konuşmacı)
15:30-15:45	Coffee Break - Ara
	Ana Salon (Main Room)
	TRAINING SESSION: ÜRETKEN YAPAY ZEKA: TEORİ, UYGULAMALAR, FIRSATLAR VE TEHDİTLER / GAI: THEORY, PRACTICES, OPPORTUNITIES AND OPPORTUNITIES : SESSION CHAIR / OTURUM BAŞKANI PROF. DR. ŞEREF SAĞIROĞLU-GAZI UNİVERS
15:45-16:15	Üretken Yapay Zeka Teorisi: Doç. Dr. Şeyda ERTEKİN, ODTÜ
16:15-16:45	ÜYZ ve Dikkat Mekanizmaları: Doç. Dr. Alper BİLGE, Akdeniz Üniversitesi
16:45-17:15	Üretken Yapay Zeka Uygulamaları Geliştirme Deneyimi: Prof. Dr. K. Murat KARAKAYA, TED Üniversitesi
17:15-17:45	Üretken Yapay Zeka Teori ve Uygulamalar: Prof. Dr. Suat ÖZDEMİR, Hacettepe Üniversitesi
17:45-18:15	Üretken Yapay Zeka: Fırsatlar ve Tehditler, Prof. Dr. Şeref SAĞIROĞLU, Gazi Üniversitesi

UBMK 2024 International Conference Program (DAY / GÜN-2)

Time	Main Room	Room - B	Room - C	Room - D	Room - E	Room - F	Room - G	Room - H	Room - I
		SESSION 01: NLP Session Chair: Prof. Dr. Elvan Duman	SESSION 02: NLP Session Chair: Prof. Dr. Abdulsamet Hasiloğlu	SESSION 03: AI Session Chair: Prof. Dr. Ali Yazıcı	SESSION 04: AI Session Chair: Prof. Dr. Ayhan İstanbullu	SESSION 05: ML Session Chair: Prof. Dr. Yaşar Becerikli	SESSION 06: ML Session Chair: Prof. Dr. Saadın Oyucu	SESSION 07: CDSEC Session Chair: Prof. Dr. Ahmet Seribaş	SESSION 08: CRYPT Session Chair: Prof. Dr. Celaleddin Yeroğlu
08:40-09:00		1853: Sentiment Analysis of Social Network Comments in Uzbek Language, Sabotax Altanzarova	1850: HTV-News: A New Dataset with High Novelty Rate for Turkish Text Summarization; Nihal Zuhail Kayali ; Sevinç İlhan Omurca	1870: A modified marine predators algorithm for numerical function optimization; Resul Özdemir ; Murat Taşyürek ; VeySEL Aslantaş	2191: CGAN Mimarisi ile Kısıtlı Veri Ortamında Kestirimci Bakım Performansının İyileştirilmesi; Mehmet Musa Özcan	1846: Semi-Supervised Learning for Sensor-Based Flash Point Prediction in Oil Industry; Mert Sülük ; Şule Gündüz Öğüdücü	1856: Kod Kusurlarının Tespitinde Makine Öğrenmesi Tekniklerinin Performans Analizi; Arman Yavuz ; Oya Kalpaz	1857: Dual-layered Approach for Malicious Domain Detection; Nadide Biğle Doğan ; Alp Barış Baydemir ; Umurtcan Doğan ; Şerif Bahtıyar	1867: A New Method to Detect Malicious DNS over HTTPS via Feature Reduction ; Ali Kerem Bozkurt ; Halil Efe Aköz ; Atabek Taşpınar ; Şerif Bahtıyar
09:00-09:20		1861: An Online Platform for Uzbek-Russian and Russian-Uzbek Parallel Corpora; N. L. Khamidova ; S. M. Rasulova ; D. Z. Radzhabova ; S. S. Salimovich ; A. S. Sobirovich	1868: Words Speak Louder Than Actions: Decoding Emotions Through NLP; Melda Paksoy ; Gökhan Bakal	1884: Document Classification and Key Information Extraction Using Multimodal Transformers; Mehmet Selman Bayşan ; Furkan Kızılay ; Ayge İrem Özmen ; Gökhan İnce	2207: Integrating the Focusing Neuron Model with N-BEATS and N-HITS; Şuayb Talha Özçelik ; Falk Boray Tek	1860: Enhancing Financial Time-Series Predictions with TimeGAN: A Novel Approach; Cemal Öztürk	1938: NLP Tabanlı Özetlik Çıkarımına Dayalı Makine Öğrenme Algoritmaları Kullanılarak SQL Enjeksiyonu Ataklarının Tespit Edilmesi; Hakan Can Altınay	1953: Analysis of the Zero-Day Detection of Metamorphic Malware; Sibel Gülmez ; Arzu Gorgulu Kalkın ; İbrahim Sogukpinar	1939: Generative Adversarial Networks for Synthetic Jamming Attacks on UAVs; Burcu Sönmez Sarıca ; Şerif Bahtıyar
09:20-09:40		1864: Database of Grammatical Form and Meaning Correspondence for Uzbek-English Translation Software; J. O. Rasulova, M. Saodat Xudoyberdiyeva, Xhamroeva S. Mirjanova, E. G. Ismoil Qizi, Q. M. Murodjon qizi, K. Muayassar	1807: Innovating SQL Automation: Evaluating Open-Source Large Language Models with a Dual-Stage Approach for Corporate Data Solutions; Erhan Arslan	1926: Employee turnover prediction on synthetic and real datasets; Azhar Murzaeva ; Volkan İllik ; Kadir Yunus Koç	2217: Advanced Convolutional Neural Networks for Plastic Classification in Recycling Systems; Nazım Alimbekova, Anur Zhunadilayeva, Sunggat Alymbay	1869: From Traditional to Deep: Evaluating Sentiment Analysis Models on a Large-Scale Tweet Dataset; Alisahib Mammadov ; Gökhan Bakal	1983: Makine Öğrenmesi ve Derin Öğrenme Modelleri Kullanılarak MR Görüntülerinden Demans Sınıflandırma; Meltem Kurt Pehlivanoglu ; Onur Varol ; Osman Aldemir ; Ata Emir Uncu ; Nevçhan Duru	2091: Multipurpose Malware Detection System; Mert Gursürmür ; Cem Ayar ; İbrahim Sogukpinar	1958: Detecting Corruptive Noise Rounds for Statistical Disclosure Attacks; Alperen Aksoy ; Doğan Kesdoğan
09:40-10:00		1873: Preserving Semantic Integrity in Paraphrasing Texts: Rule-Based Paraphrasing; Zarnigor M. Khayotova ; Kholova Muayassar ; Jurakuziyev Nodirbek	1913: Enrichment Question Answer Dataset and Evaluating with Deep Learning in Turkish; Kadir Tutar ; Olcay Taner Yıldız	1937: Data Augmentation in Remote Sensing Image Change Captioning; Orkhan Karimli ; İlyas Mustafaşade ; Ali Can Karaca ; Mehmet Fatih Ansayali	2118: PsychSynth: Advancing Mental Health AI Through Synthetic Data Generation and Curriculum Training; Vedanta S P ; Madhav Rao	1871: Comparison Of Feature Selection Methods For Mechanical Properties Of Cold Rolled Products In Flat Steel Manufacturing; Didem Bakiler İme ; Merve Öper ; E. Fatih Yetkin	2197: Yangın Söndürme Süreçlerinde Su Tüketiminin Makine Öğrenmesi ile Tahmini; Absen Usta ; Emin Ölmez ; Orhan Akbulut	1960: White-Box Style Intrusion Detection System Integration into Industrial Metaverses; Yasir Kilic ; Vahide Nida Kilic ; Ali İnan	1996: Future Directions of Cybersecurity in Industrial Internet of Things Through Edge Computing; Tamara Zhukabayeva ; Lazzat Zhoishyeva ; Nurdaulet Karabayev
10:00-10:20		1875: NLP-Based Uzbek NMT: Leveraging Multisource Data; Nilufar Abdurakhmonova, Adkham Zokhrov, Mukhammadali Salokhiddinov, Anvar Narzullayev, Ayrat Gatiatullin	1981: IT Service Desk Ticket Classification via Large Language Models; Egi Paket, Göksu Şenerkek, Fatma Betül Akyol, Furkan Saliman	1968: Comparative Evaluation of Word2Vec and Node2Vec for Frequently Bought Together Recommendations in E-commerce; Mustafa Keskin ; Enis Teper ; Alya Kurt	1971: Disrupting the Retrieval Phase in RAG-Based LLM Chatbots through Input Manipulation; Felix Pitterling ; Georgi Kostehlev ; Oliver Haddad ; Rodrigo Teran	1847: Robust Stacked Ensemble Model for Lung Cancer Diagnosis; Ayhan Abbas ; Gonca Buyrukoglu ; Selim Buyrukoglu	1999: Malaria Incidence Prediction Using Climate Factors with Machine Learning Models. Ayoade Adeyemi, Cyrilie Mesue Njume, Goodnews Akintele, Nana Asha Umar, Ayodele James Oyejide	2037: A Practical Investigation of Spear Phishing Spam Emails: Comparative Analysis and Evaluation; Kendrick Kurt Günther Bollens	2028: Reversible steganographic system for the transmission of personal medical data; Elmira Daliybayeva ; Ekaterina Merzlyakova ; Aigerim Yerimbetova ; Aigul Mukhitova

Coffee Break - Ara

Akdeniz Üniversitesi - Ana Salon (Main room)										
10:40-11:10	ArGe Merkezi Sunumu	Dinçer Lojistik								
11:10-11:30	ArGe Merkezi Sunumu	Yapı Kredi Teknoloji								
11:30-11:50	ArGe Merkezi Sunumu	Softtech								
11:50-12:10	ArGe Merkezi Sunumu	VBT Yazılım AŞ.								
12:10-13:30	Lunch / Yemek									

Time	Main Room	Room - B	Room - C	Room - D	Room - E	Room - F	Room - G	Room - H	Room - I
		SESSION 11: NLP Session Chair: Assoc. Prof. Dr. Lenara Kubedinaova	SESSION 12: NLP Session Chair: Prof. Dr. Tamara Kokenova	SESSION 13: AI Session Chair: Prof. Dr. Sule Ögüdücü	SESSION 14: SW Session Chair: Assoc. Prof. Dr. Pelin Aynur Ünküner	SESSION 15: ML Session Chair: Assoc. Prof. Dr. Şeyda Ertekin	SESSION 16: BIO Session Chair: Prof. Dr. Murat Karakaya	SESSION 17: CVIS Session Chair: Assoc. Prof. Dr. Özgür Öztürm Karadağ	SESSION 18: CRYPT Session Chair: Assoc. Prof. Dr. Alper Biğle
13:30-13:50		1885: Algorithm for aligning paragraphs and sentences in Aligner tool;Elv Botir Bohtayevich, Khamroeva Shahlo Mirjonova, Dialelov Adilbek Yusubayevich, Matyakubova Nolla Shakerjanova	1946: Evaluating the Performance of PEE and LoRA Approaches in Transformer Based Architecture for Handwritten Character Recognition; Bihter Dağ	1976: Mutation Testing Reinvented: How Artificial Intelligence Complements Classic Methods; Serhat Uzunbayir ; Kaan Kurtel	1859: Investigating The Adoption of International Software Quality Standards in Turkey: A Comprehensive Analysis; Sevgi Koyuncu Tunç	1883: A Machine Learning Approach To Steel Sheet Production Surface Quality; Asena Öztürk	1907: Disease Prediction From Human Microbiome by Utilizing Machine Learning; Bahadır Emin Temel ; Bora Capanlar ; Zerrin İşık	1877: Advanced Facial Expression Classification with CNN-Transformer Integration for Human-Computer Interaction; Ali Azmoudah , Çiğdem Altın Günüşşöy ; Hazım Kemal Ekekel	2061: Resource-Efficient Ensemble Learning for Edge IIoT Network Security against DDoS-based Attacks; Mert İhan Ecevit ; Zakiye Çukur ; Muhammed Ali İzzin ; Noor Ul Ain ; Hasan Dağ
13:50-14:10	BMBB Toplantısı-I	1888: Semantic And Grammatical Issues In Translating Idioms With Automatic Translation Systems; Manzura Abjalova ; Sarvinoz Sharipova	1947: Evaluating the Performance of Turkish Automatic Speech Recognition Using the Generative AI-based Whisper Model; Bihter Dağ	2020: Investigating the Effects of Pre-trained Deep Learning Models and Fusion Techniques on Fruit Segmentation Performance; Esma İbş, Aybars Uğur	2009: The Dimension of Green Coding in Software Quality Control Processes; Volkan Abur	1940: Enhancing Driver Injury Severity Prediction Using Optimized Oversampling and Feature Selection Techniques; Vahide Nida Kilic ; Gizem Mutlu ; Esra Saraç ; Çiğdem Aca ; Murat Özgen	1933: Utilizing Tree-Based Algorithms for Genetic Variant Interpretation; Rumeyza Alishan Ertürk ; Mehmet Bayşan	1949: Detecting Duplicate Products in E-Commerce Images Using Siamese Networks; Enis Teper ; Furkan Esoğlu ; Mustafa Keskin	2074: Transfer Learning for Phishing Detection: Screenshot-Based Website Classification; Furkan Çoşmak ; Mert İhan Ecevit ; Hasan Dağ
14:10-14:30		1889: Improving Methodology for Selecting Fiction Works for Grades 5-9; Khabibulla Madatov ; Sapura Sattarova	2005: Sentiment Analysis of Reviews for E-Commerce Applications; Elif Hanife Aydoğan ; Feza Yıldırım Okay	2039: AI-Enhanced Endometrial Cancer Diagnosis System; Raziye Alishan Kürküçü ; Taha Serif	1917: CAGE: A Tool for Code Assessment and Grading; Ümit Kanoğlu ; Oğuz Kerem Yıldız ; Hasan Sözer ; Olcay Taner Yıldız	1972: Predicting Electric Vehicle Adoption in the EU: Analyzing Classification Performance and Influencing Attributes Across Countries, Gender, and Education Level; Gül Tokdemir ; Mert Kumbaras ; Gürdal Ertek ; Thouraya Ghennsi Labben	1994: Awareness of Gamification as a Non-Pharmacological Intervention in Sleep Health Research: A Systematic Literature Review; Arife Gülşah Erol	1963: Comparative Analysis of Visual Attribute Tagging Models for Upper-Body Clothing Products; Engin Kaya ; Mert Yanık	2145: Blok Şifrelerin Karşırma ve Yayılım Tabakaları İçin Yeni Bir Analiz Aracı; Mehmet Ali Demir ; Meltem Kurt Pehlivanoglu ; Pinar Savaytürk ; Emir Öztürk ; Muharem Tolga Sakalli ; Sedat Akleyek
14:30-14:50		1899: UZBEKCORPORA.LIZ: Creation of Author Corpora on the Platform; Karshiev Abdovall Berkinovich ; Karimov Suyun Amirovich ; Kudratov Iskandar Lochinovich ; Mahmidov Shirinboy Botirovich ; Tursunov Muhammadsohil	2011: LLM and RAG-Based Question Answering Assistant for Enterprise Knowledge Management; Gürkan Şahin	2053: Users Acceptance of Generative Artificial Intelligence based on ChatBot Use; Ayşe Yesim Mutlu	1957: Extracting Driving Styles from Automotive Sensor Data to Develop Personas; Muhammed Cagri Kaya ; Taysir Bouraffa ; Krzysztof Wnuk	1977: Arabam.com Kurumsal Üyelerinin Satın Alma Davranışlarının Analizi; Dilan Oragaz	2090: Clinically Significant Prostate Cancer Detection and Diagnosis in Bi-parametric MRI with Deep Learning Models; Clinton Binda Asoh-Itambi ; Mecit Yüzkat ; Songül Varlı	1986: Development Of A Model Of Kazakh Sign Language Recognition Based On Deep Learning Method; Aigerim Yerimbetova ; Bakhtan Sakenov ; Ulmeken Berzhanova ; Nurzhan Mukazhanov ; Elmira Daliybayeva ; Mohamed Othman	1985: Proof of Concept Implementation for RSPV TSN Control Plane; Necip Göziçak
14:50-15:10		1901: A technique for automatic extraction of basis words: a Case Study on "Uzbek Primary School Corpus";Khabibulla Madatov ; Shukurla Bekchanov ; Surayyo Khajibaeva	2048: Automated Assessment of Open-Ended Questions via Transformers; Burak Keskin, Melih Güney	2054: MMBAttN: Max-Mean and Bit-wise Attention for CTR Prediction; Hasan Saribas ; Cagri Yesil ; Serdarcan Dilbaz ; Halit Örenbas	2055: Are We Asking the Right Questions to ChatGPT for Learning Software Design Patterns?; Çağdaş Evren Gerede	1995: Indoor Localization with GraphNetConv and Dynamic Graphs; Mert Bayraktar ; Alper Özcan ; Ümit Deniz Ulusal	1978: A Test Bench for Replicating Human Breathing: Evaluating Thermal Effects of N95 Filtering Facepiece Respirator Leaks – Preliminary Findings; G. Marchais ; B. Topiko ; M. Arbane ; J. Brousseau ; C. Brochet ; Y. Yaddaden ; A. Bihoud ; X. Maldague	1989: Recognising Kazakh Sign Language With Medappia; Aigerim Yerimbetova ; Diana Kaidina ; Bakhtan Sakenov ; Elmira Daliybayeva ; Mussa Turdalyuly ; Ulmeken Berzhanova	2100: Integrating Blockchain and SDN for Centrality-Aware Virtual Multicast Tree Embedding; Furkan Ayaz ; Evrim Güler ; Murat Karakus ; Davut Hanbay

Coffee Break - Ara

Time	Main Room	Room - B	Room - C	Room - D	Room - E	Room - F	Room - G	Room - H	Room - I
		SESSION 21: NLP Session Chair: Assoc. Prof. Dr. Shahlo Khamroyeva	SESSION 22: NLP Session Chair: Prof. Dr. Nizamettin Aydın	SESSION 23: AI Session Chair: Prof. Dr. Banu Dirl	SESSION 24: SW Session Chair: Dr. Berna Kiraz	SESSION 25: ML Session Chair: Prof. Dr. Nevçhan Duru	SESSION 26: BIO Session Chair: Prof. Dr. Tuncay Yiğit	SESSION 27: CVIS Session Chair: Prof. Dr. Murat Karakus	SESSION 28: DM Session Chair: Prof. Dr. Fatih Tunay Yaman Vural
15:30-15:50		1915: Linguistic Support and Algorithm of Phrase Alignment in Aligner Tool; Matyakubova Nolla Shakerjanova ; Koshimovna Shohida Shahabiddinova	2073: Knowledge-Augmented Large Language Model Prompting for Cypher Query Construction; Başak Buluz Kömeçoğlu	1997: Prompting Large Language Models for Aerial Navigation; Emirhan Balci ; Mehmet Sangül ; Barış Ata	2060: Optimizing LLMV IR Transforming Multiplication to Addition for Enhanced Execution Efficiency; Efecan Cebel ; Hüseyin Karacali ; Nevzat Donum	2023: GPS Spoofing Detection on Autonomous Vehicles with XGBoost; Emre İlyeyen ; Şerif Bahtıyar	1979: Development of Multiphysics Models for the Study of Airflow and Thermal Effects During the Use of Filtering Facepiece Respirators; B Topiko ; G. Marchais ; M. Arbane ; J. Brousseau ; A. Bahloul ; K. Maldague ; C. Brochet ; Y.Yaddaden	1990: Ultrasound Görüntülerinden Meme Kanseri Teşhisi için Lezyon Tespiti Hibrit Derin Öğrenme Modelleri; Osman Doğuş Güllün	1927: Unsupervised Pattern Extraction of Time Series Data for Energy Disaggregation; Şirin Azazi Dweck ; Melih Günay
15:50-16:10		2154: Open data processing for analysis of behavior of users in digital environment; Nikolai Prokopyev ; Pavel Ustin ; Fali Gafarov	2092: LLMs for Document-level Text Simplification in Turkish Foreign Language Learning; Fatih Bektaş ; Kutay Arda Dinç ; Gülşen Eryiğit	2040: Titreme Sinyallerinden Transformer Temelli Parkinson Hastalığı Sınıflandırması; Murat Atçeken ; Bahadır Kürşat Güntürk ; Lüflü Hanoglu ; Mehmet Ersin Bitirgen ; İbrahim Özşeker	2080: Estimation of Software Integration Test Duration via UML Statecharts; Fehim Göler ; Tolga Ovatman	2064: GNF: Generative Natural Faces Dataset for Face Expression Recognition Task; Cansu Özer ; Volkan Dağı ; Mustafa Kağan Görkan	2003: Optik Çukur Bölütlemesi; Saadet Aytaç Arpacı ; Songül Varlı	2010: Removing Background from Noisy Handwritten Signatures on Banking Documents using GANs; Ege Dinçer ; Saide Kızılay ; Emre Yurdakul ; Biğle Kıroğlu	1944: Topic Modeling Enhanced Tripartite Graph for Recommendation using Metaphors; Yaren Yılmaz
16:10-16:30	ArGe Merkezleri Toplantısı	2188: Araneum Uzbekicum: A Gigaword Web-Crawled Uzbek Corpus; Vladimir Benko , Radovan Garabik , Shahlo Khamroyeva	2105: Mining Software Requirements From Turkish Texts: Techniques and Challenges; Serhat Uzunbayir , Senem Kumova, Metin	2042: Üretken Yapay Zekâ Fırsatlar ve Tehditler: Bibliyometrik Analiz ; Şeref Sağroğlu ; Halil İbrahim Bulbul	2093: DIA4M: A Tool to Streamline DevOps Processes of Distributed Cloud-Native Systems; Eren Tarak ; H. Hakan Kilinc	2182: Machine Learning Approaches to Predict Thyroid Cancer Recurrence : A Comparative Study; Candide Öztürk	1923: Medikal Görüntülerin Etkili Bir Şekilde Sınıflandırılması İçin Dikkat Tabanlı Temsil Öğrenimi; Selim Arslan	1992: Olumsuz Hava Koşullarında Gemi Tespiti ve Sınıflandırılması; Yahya İzala, Yaşar Becerikli	1948: Community Detection on Software Library Dependency Graphs using Graph Neural Networks; Sevtok Umurt Cakir ; Mehmet Ali Osman Atik ; Ümit Deniz Ulusal
16:30-16:50		2189: Automatic Topic Detection in Large Text Data in Uzbek using Clustering Methods; Umirova Svetlana ; Kholmuhamedov Bakhtiyor ; Karimov Suyun ; Narziyeva Mamura	2108: Using LLMs for Annotation and ML Methods for Comparative Analysis of Large-Scale Turkish Sentiment Datasets; Ercan Ezin ; Rukiye Savran Kızıltepe ; Murat Karakus	2006: Açıklanabilir Yapay Zeka Üzerine Bir İnceleme; Samed Ali ; Şeref Sağroğlu	2111: Software industry perception of academic collaboration; Deniz Sağroğlu	2104: Optimizing Recommendation Systems By Fusion of XNN, Singular Value Decomposition, and XGBoost for Enhanced Performance; Mohammed Basim Mohammed Mohammed ; Erkut Ancan	1969: QoS Aware Routing Approaches in Software Defined Smart Grids; Sedef Demirci	1851: Impact of Image Augmentation on Deep Learning-Based Classification of Granite Tiles; Gaye Ediboğlu Bartos ; Sibel Ünalı ; Nesibe Yalçın	2190: Enhancing Mesh and Point Cloud Similarity Detection Through Geometric Features and ICP; Talha Rehman Abid ; Mehtap Öküz ; Cem Yıldız ; Ali Erhan Erten ; Kamer Kaya
14:50-17:10		1854: Özbekçe-Türkçe Otomatik Çeviri Yazılımı için Deyimler Köpük Derleme Çalışması Sorunu; Ümit Raşidova , Ajabova Manzura , Eşref Adali	2122: Sentiment Analysis for Hotel Reviews in Turkish by using LLMs; Ataaur Özdemir ; Efe Batur Giritli ; Yekta Said Can	2034: Beyin Tümrü Ameliyatlarında Beyin Kayması Probleminin Telifisi; Bilgisayar Destekli Yöntemler Üzerine Bir Derleme; Ayşe Gül Eker, Ayşe Gül Eker, Meltem Kurt Pehlivanoglu, Nur Banu Albayrak, Nevçhan Duru ve Tolga Turan Dündar	2173: A Robust Microservices Framework for Indoor Tracking System Development; Gafur Hayyibayev ; Kerem Küçük ; Mahmut Çavur ve Tolga Turan Dündar	2202: Synthetic Vibration Data Generation and Fault Classification in CNC Machines Using Transformer GANs and ConvLSTM Networks; Özlem Erbay ; Batray Erbay	2008: Deep Reinforcement Learning Routing in Mobile Networks; Arif Burak Dikmen ; Hasari Çelebi	1936: Word Image Representation at Local and Global Levels Based on Vision Transformers; Baha Edine Harrath	2214: Comparative Analysis and Practical Implementation of Machine Learning Algorithms for Phishing Website Detection; Samad Najjar-Ghabel ; Shamin Yousefi ; Payam Habibi

Coffee Break - Ara

Ana Salon (Main Room)										
PANEL										
17:30-19:00										

27 - 10 - 2024

UBMK 2024 International Conference Program (DAY / GÜN-3)

28 - 10 - 2024

Time	Main Room	Room - B	Room - C	Room - D	Room - E	Room - F	Room - G	Room - H	Room - I	Room - J	Room - K	
08:40-09:00		SESSION 30: NLP Session Chair: Dr. Elvan Duman	SESSION 31: NLP Session Chair: Prof. Dr. Ümit Deniz Uluşar	SESSION 32: AI Session Chair: Prof. Dr. Çihan Karakuş	SESSION 33: ML Session Chair: Prof. Dr. Ercan Buluş	SESSION 34: CVIS Session Chair: Prof. Dr. Halil Özlüoğlu	SESSION 35: DSCI Session Chair: Prof. Dr. İbrahim Şoğrakçı	SESSION 36: IoT Session Chair: Prof. Dr. Resul Dağ	SESSION 37: HUM, HPER, RBOT Session Chair: Prof. Dr. Selim Aksoy	SESSION 38: ROBOT SIGN EMB Session Chair: Prof. Dr. Şiraz Özerdem	SESSION 39: Session Chair:	
09:00-09:20		1963: Özbek Dilinde Kelimelerin Kib ve Kibkeltiri Ayırma Algoritmaları: Elv Botir Botirayev; N. Suborbek Ermatovich; Xusniyova Zilola Yuldasheva; A.Şahio Abdumurod kuz	1863: Yapım Elakleri İle Özbekçe Sözcük Türetme, Khamaeva Shahto Mirjonova; Eprel Adal	2066: A Federated Learning Framework for Classifying the Images in Ultrasonic Nondestructive Testing; Abdulkadir Gülşen; Burak Kukulica; Hilal Hacilar; Burcu Bakır-Güngör	2081: Incorporating Knowledge Graph Embeddings into Graph Neural Networks for Sequential Recommender Systems; Kazım Emre Yüksel; Susan Üsküdarlı	2013: A Faster R-CNN Model for Multi-class Classification and Detection of Land, Air, and Sea Vehicles; Enes Güvelioğlu; Çiğdem İnan Açı	1921: Otomobil Kredilerinde Temerrüt Tahmini ve Araç Geri Kazanım (Özellik Analizi - Bir Segmentasyon Çalışması); Şahin Nispet	1862: Design and Implementation of a Management System for Wireless Electronic Combination Locks; Batuhan Kızı; Metin Bilgin	1999: Model for converting JSON format to XML by extracting the XSD data structure; İgal Mukhitova	1965: Communication (Educational) KR (Halk); Murat Sever; Utku Biğin	1896: Refik: A New Architecture for Reducing the Hallucination by Retrieval-Augmented Generation; Robin Koç; Mustafa Kağan Gürkan; Fatma T. Yaman Vural	
09:20-09:40		1970: Özbekçe Deyimlerin Dilbil Modellemesini DÖl Açısından Önemi: Nurtoyeva Mafizha Vahobxon qiz; Guliyarova Şahnoza Kahrmanova	2018: Named Entities Recognition in Kazakh Text by SpaCy NER Model; Nurzhan Mukahhanov; Algrim Yerinbetova; Mussa Tardalyaly; Bakshan Sakenov	2071: AI Assisted Customer Sentiment Analysis and Department Classification Tool; Barış Sevil; Taha Serif	2099: The Classification of Human and Cognitive Architecture Time Estimation Using Machine Learning Methods; Behiye Şahin; Sonay Duman	2117: Advanced Computer Vision Techniques for Reliable Gender Determination in Budgeting (Mikropostulac undulatus); Atalay Demiralbanti; Elie Han Cemalci; Majid Ahangiri; Abdussamat Saidburhan; Alireza Zsaki Ghazari; Erkut Arican	1955: E-Ticaret Sadalet Programı Müşteri Edilim Tahmini - Customer Propensity Prediction in E-Commerce Loyalty Program; Yunus Emre Gündoğmuş; Sinan Keleş; Ege Erdem; Emre Reyberberli	1887: Solar IoT: Monitoring the Orientation and Electrical Parameters of the Solar Panel; Hakan Dalkılıç; Oğuz Göz	2130: Facial Emotion Recognition for Imatation In Human-Robot Interaction; Ibrahim Yanık; Aykan İpek; Selma Yilmayozlu Kayarar	2097: Sparse Channel Estimation For M-QAM Based Underwater Acoustic Communication Systems; Mhd Tahsin Akabbaz; Berkay Tokat; Emin Tarık İleri	1941: Enhancing Object Detection in Aerial Images Using Transformer-Based Super-Resolution; Aslan Ahmet Haykır; İlyaz Öksüz	
09:40-10:00		1914: Exploring the semantic complexity of adjective-noun collocations between Uzbek and English for improved Machine Translation; Nargisa Shamieva; Nilüfar Abdurrahimova	2216: Requirements for the Development of a Website Builder with Adaptive Design; Gulmira Bekmanova, Banu Yergesh, Assel Omarbetova, Laura Onymbay, Alqanyim Besembayeva, Dilara Kabdylova, Akbarbek Zuhubayev, Bekbayev Sultan	2110: ATIS/UAIE: Reducing Noise and Improving Forecasting Performance in Stock Data; Hüseyin Akkas; Burak Kukulica; Burcu Bakır-Güngör	2101: Optimization of roadside assistance tow truck services provided to insured individuals with traffic and comprehensive insurance policies; Serkan Kırca; Fatma Yağmur Erbuğ; Sedat Cebesoy; Buşe Özdemir; Ayşen Yıldırım; Çerem Yıldırım	2169: Deep Learning based Order Form Recognition; Enes Alperen Bulğaz; Orhan Akbulut; Ayşın Tayyar Çelebi; Uğur Yıldı	1967: Yapay Zekave Makroekonomik Göstergeler İle Tüzel Kredilerin Değerlendirilmesi; Burak Yücel; Hakkı Berkay Çiçek	1988: An AI-Assisted Autonomous IoT Agent for Smart Spaces; Yakup Kayalar; Sanem Kabadayı	2038: A Glimpse to Sustainable LLM Architecture: Building Real-Time Sentiment Analyser with Kafka and FastAPI; Uzay Çetin; Yunus Emre Gündoğmuş	2077: EKF Based Localization: Integrating IMU and LiDAR Data in the HiLS SLAM Challenge; Belice Balir; Havasnur Bozdemirli; Ebu Yusuf Güven	1886: Development of the functional structure of the science and education information system; Davlatov Adilbek Yusupbayevich; Matyakubova Nola Shakirjonova	
10:00-10:20		2004: Named Entity Recognition from Kazakh Speech; Bauyrzhan Karituly; Madina Matsurova	2123: Semantic knowledge base for the emotional coloring analysis of Kazakh texts; Banu Yergesh; Dilara Kabdylova	2113: Evaluating the Impact of Sentiment Analysis on Deep Reinforcement Learning-Based Trading Strategies; Burak Kukulica; Burcu Bakır-Güngör	2129: Spoken Accent Detection in English using Audio-Based Transformer Models; Oğuzhan Öztürk; Hasan Kilimci; H. Hakan Kılıcı; Zeynep Hilal Kilimci	2170: Learning based Photo Management on Smartphones; Beyza Nur Senay; Orhan Akbulut; Ayşın Tayyar Çelebi; Uğur Yıldı	2029: Perakende Verilerinde Anomali Tespiti ve Döviz Kuru İlişkisi Üzerine ChatGPT Destekli Yorumlama; Şadi Erven Şekir; Hacım Nezam Özoğuz	1993: Advanced Detection and Prevention of Sinkhole Attacks in DTOSN Networks; Burak Aydın; Hakan Aydın; Sedat Görümüş	2165: Parallelization of BitColor Algorithm via Multithreading and GPU for Graph Coloring; Gizem Sungu Yerci	2128: Emotion-Aware Multimodal Biometric Identification by using Biogprate; Yetke Saiz Can; Beyzatur Bekten; Fatih Alagöz		
10:20-10:40		2203: Linguistic knowledge graph "Turkling" as universal model for linguistic resources and tools in Turkic languages; Ayral Gattatullin; Nikolai Prokopyev; Lenara Kubelinova; Nilüfar Abdurrahimova	2193: Machine Learning-Based Synonymous Word Detection in Kazakh; Dilara Rakhimova; Madina Matsurova; Nurashmet Mitanov; Amira Yelik	2129: Turkish Sign Language Video Generation from Pose Sequences Using a Conditional GAN Model; Feyza Özkan; Hacıo Kukulica; Tekin; Hacıo Yalın Keleş	2136: Analysis of Adversarial Training for Resilient Image Recognition Against Different Attacks; Emir Can Karakuş; Ferat Kutuban İslim; Ece Gelal Soyak	2177: Retinal Disease Classification Using Optical Coherence Tomography Angiography Images; Ömer Faruk AFDH; Falk Boray TEK; Muhammet Serdar Naki; Yasemin Turkan	2076: Sağlık Sigortası Sahiplerinin Davranışsal Analizi ve Kümülenmesi; Ömer Sezer Koyuncu	2000: Comparison of Different Weather Data Acquisition Methods; Yusuf Murat Eren	2089: Manyetik Parçacık Görüntüleme Sistem Matrisi İçin Farklı Çözüm Önerileri ve Performansları; Mehmet Ali Osman Aık; Yusuf Çelik; Alper Özcan	1932: Leveraging Quantum Computing and Optimization to Estimate Financial Crashes in Small and Medium-Sized; Ege Dinçer; Berkay Koçkar; Ege Billağlı; Bilge Konoğlu	2215: A Technical Analysis and Practical Implementation of Machine Learning Algorithms for Predicting Survival in Breast; Şahin Yousef; Samet Najar-Chalbi; Hindricca Chalbi	
10:40-11:00	Coffee Break - Ara											
Akdeniz Üniversitesi Ana Salon (Main room)												
11:00-11:20	ArGe Merkezi Sunumu	Logo Yazılım										
11:20-12:35	ArGe Merkezi Sunumu	İdea										
12:35-12:50	ArGe Merkezi Sunumu											
12:50-13:05	ArGe Merkezi Sunumu	Protel										
13:05-14:30	Lunch / Yemek											
Time	Main Room	Room - B	Room - C	Room - D	Room - E	Room - F	Room - G	Room - H	Room - I	Room - J	Room - K	
14:30-14:50		SESSION 40: NLP Session Chair: Dr. Emine Efil Tuluş	SESSION 41: NLP Session Chair: Prof. Dr. Ebra Aydoğan	SESSION 42: AI / IR Session Chair: Prof. Dr. Gülşen Bayraktar	SESSION 43: ML Session Chair: Assoc. Prof. Dr. Alper Bilge	SESSION 44: CVIS Session Chair: Assoc. Prof. Dr. Pelin Ançın Ülker	SESSION 45: DSCI Session Chair: Prof. Dr. Suat Özerdem	SESSION 46: IoT, BCN, EMB Session Chair: Assoc. Prof. Dr. Seydi Ertekin	SESSION 47: BIG DATA Session Chair: Prof. Dr. Murat Karakaya	SESSION 48: SW Session Chair: Prof. Dr. Batu Dini	SESSION 49: DTH Session Chair: Prof. Dr. İsmail Özgüç	
14:50-15:10		1898: Development of A Method For Automatic Extraction Of Ontology Entry Names From Natural Language Texts; Zhanna Sadimiekova; Elmira Dalbayeva; Karibova Indira	2022: Efficient Unsupervised Domain Adaptation with PFT Combinations; Mohammed Nawati; Derya Karaboğaz; Ufuk Halınoğlu; Alper Bayraktar; Bahriye Akay	2065: Türkiye Otomatik Konuşma Tanıma Sistemleri İçin Sentez Veri Üretme Yöntemi; Hilal Teğeli; Muhammed Murat Özbek; Harun U; Tolga Büyüktürk	2153: Multi-Aspect Anomaly Detection with Graph Neural Networks and Kolmogorov-Arnold Networks in Business Process Management; Tooman Berkay Ayaz; Ege Güleç; Stanlye Heu; Alper Özcan; Akhan Akbulut	2183: Unsupervised Translation from Shortwave Infrared Images to RGB Images: A Comparative Evaluation; Doğru Topbaş; Hacıo Yalın Keleş	2098: Çelik Hurdasının Sınıflandırılmasında ResNet ve Görüntü Dönüştürücü Tabanlı Modellerin Başarımı; Sefa Temur; Levent Karacan	2033: Text to SQL transformation using LLM: a comparative research of T5, Seq2Seq, and SQLNet Models; Zehira Shakhriyeva	2085: Distributed Key Value Store for IoT Edge Devices; Burak Altıntaş; EBF Nurdan Pektaş; Şehinaz Baydere	1881: Comparison Between Time Series and Relational Databases; Alpar Turkoğlu; Onurcan Ergun; İbrahim Onuralp NİB; Dinçer Ünal; Hatice Göksük	1886: Development of the functional structure of the science and education information system; Davlatov Adilbek Yusupbayevich; Matyakubova Nola Shakirjonova	
15:10-15:30	BMBB Toplantısı-II	1909: The Process Of Lemmatization And Stemming In The Automatic Morphological Analys Of Uzbek Texts; Manzura Abjalova; Munojot Adilova; Eprel Adal	2194: Enhancing Text-to-SQL Conversion in Turkish: An Analysis of LLMs with Schema Context; Ferhat Demirkıran; Ali Kemal Çoçkun; Yevgen Konevli; Ramazan Güven; Başak Buluc Konevli	2148: Breast Cancer Detection With Deep Learning Method; Erkan akkas; Mustafa Yapar; Şerif Sağbroğlu; Ali Özer; Betül Erozöz	2156: Comparison Of A Deep Learning and a Hybrid Model For Classification of an Unbalanced Urgent Cases Dataset For Human Faces; Faraz Özgür; Nesihan Arican; Özgür Öztürk Karadağ	2098: Çelik Hurdasının Sınıflandırılmasında ResNet ve Görüntü Dönüştürücü Tabanlı Modellerin Başarımı; Sefa Temur; Levent Karacan	2033: Text to SQL transformation using LLM: a comparative research of T5, Seq2Seq, and SQLNet Models; Zehira Shakhriyeva	2085: Distributed Key Value Store for IoT Edge Devices; Burak Altıntaş; EBF Nurdan Pektaş; Şehinaz Baydere	1930: A Performance Evaluation Study on a Data Analytics Platform for Emergency Call; Engin Yakar; Hakan Kılıç	1892: React ve Preact JavaScript Çerçevesinde Karşılaştırma Analizi; Muhammed Furkan Uygur; Nesibe Yağın	1918: A Metaheuristic Algorithm for the Fixed Charge Transportation Problem; Nermin Kartlı	
15:30-15:50		1876: The Problem Of The Archaic Words' Semantic Description In The Akheer Navoiy Authorship Corpus; Shukhrat Siropiddinov; Manzura Abjalova; Sultan Normamatov; Nargisa Gulomova	2140: Adaptive Batch Budget for LLM Inference; Çağrı Yeşil	2134: Dudak şekillerinden kişilik analizi: Marifetleme ve açıklanabilir yapay zeka yaklaşımı; Semra Çelebi; İbrahim Türkoğlu	2171: Estimating the Manufacturing Cost of a Metal Part from Textual and Geometric Features; Talha Rehman Abid; Mert Daloğlu; Cem Yıldı; Ali Erman Ertan; Kamer Kaye	2153: Teslimat Süresi Tahmininde Makine Öğrenmesi Modellerinin Yorumlanabilirliği; Şerhat Ağı Satoç	1882: Automatic Segmentation of Time Series Data with PELT algorithm for Predictive Maintenance in the Flat Steel Industry; Saygın Kaçar; Tuğçe Ballı; E. Fatih Yesil	1922: Security Dynamics of Blockchain-Enabled SDN Systems: A Taxonomic Approach; Deniz Dudoğlu; Murat Karakuş	2079: Adaptive Composite Market Volatility Index (CMVI) for Enhanced Stock Price Forecasting; Rabiu Cevik; Ali Kemal; Uğur Barış Özyörek; İvel Kocaç; Biyra Koçay; Ömer Şengül; Fatma Fatır Akbulut	1962: Lojistik Sipariş Dağıtım Entegrasyonu Bir Süreç İyileştirme Çalışması Olarak Sipariş Geri Çağırma Süreci Tasarım Ve Yazılım Değerlendirmesi; İkim Barman	2200: A Comparison of shc3 Net based GAN and U-net based GAN in Adult dental segmentation; Gürdal Altındağ; Hakan Ocal	
15:50-16:10		1908: Özbek Dilindeki Eğilimlere Çözümlemesi Algoritmaları; Abdusalomova Şahno Abdumurod kuz; Elv Botir Botirayevich; Karimova Kurriyat Sharoyeva	2164: Evaluating Turkish BERT-based Language Models for Effective Customer Feedback Interpretation in CRM; Can İyçan; Muhammet Furkan Özara; Ahmet Erhan Çelik; Akhan Akbulut	2075: Enhanced Stain Normalization Method for Accurate Mitosis Detection in Histopathological Images; Refik Samet; Nooshin Nemat; Emrah Hancıo; Serpil Sak; Bilge Ayça Kırmızı	2176: Object Detection in Hyperspectral Images with Unsupervised Domain Adaptation; Sinem Apikçe Şakao; Alp Ertürk; Erhan Aptulo	1998: Enhancing the quality of clustering job skills through the fine-tuning of the sentence transformer model; V. S. Ramaswara; M. A. Sambethaveya; S. S. Sarikaveya; A. S. Yerinbetova; Zh. B.	2087: On symbolic prediction of time series for predictive maintenance based on SAX-LSTM; Aykut Güler; E. Fatih Yesil; Tuğçe Ballı	2056: Comparative Performance Analysis of Ethereum and Optimism Smart Contracts in Health Insurance; Beyhan Adanur Dedertürk; Bilge Kağan Dedertürk	2142: Hybrid Deep Learning Framework for Stock Price Prediction Incorporating Technical and Macroeconomic Indicators; Ali Can Turan; İvel Kocaç; Biyra Koçay; Ömer Şengül; Fatma Fatır Akbulut	2139: IoT Sistemlerinde Görüntü İşleme ile Doğrulama Robotik Test Otomasyonu Kullanımı; Pao Chiacristaia Robotik Kontrolü Test Otomasyonu Sistemi; Miraç Emektar; Ahmet Efenedioğlu; Harun Kadoğlu; Fatih Mehmet Harmano	2103: Bilgisayar Mühendisliği Öğrencilerinin Perspektifinden Bilgiyi Hükümet Güncel Soruların ve Çözüm Önerileri; Sevdü Bora Çınar Kadoğlu; Fatih Mehmet Harmano	
16:10-16:30	Coffee Break - Ara											
16:30-17:00	ArGe Merkezi Sunumu	Garanti BBVA										
17:00-17:20	ArGe Merkezi Sunumu											
17:20-17:40	Coffee Break - Ara											
17:40-19:00	Kapanış Toplantısı, IEEE Tez Ödüllerinin verilmesi, ArGe Proje Ödüllerinin verilmesi UBMK-25'in yerinin belirlenmesi											